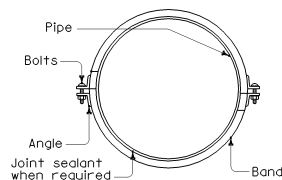
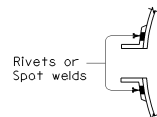




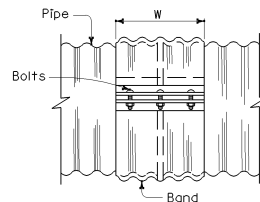
DIST	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET TOTAL NO. SHEETS

REGISTERED CIVIL ENGINEER  
 Glenn DeCou  
 No. C34547  
 July 1, 2004  
 PLANS APPROVAL DATE  
 The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.  
 To get to the Caltrans web site, go to: <http://www.dot.ca.gov>

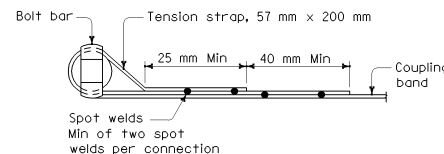
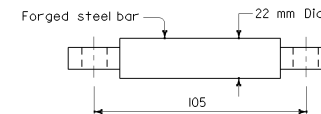
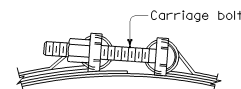
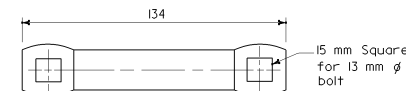
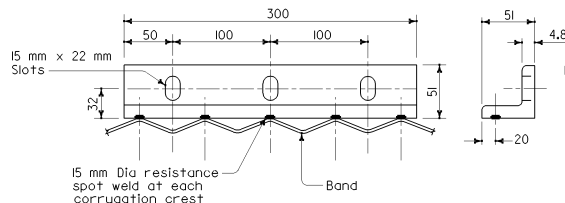
REGISTERED PROFESSIONAL ENGINEER  
 Glenn DeCou  
 No. C34547  
 Exp. 9-30-05  
 CIVIL  
 STATE OF CALIFORNIA



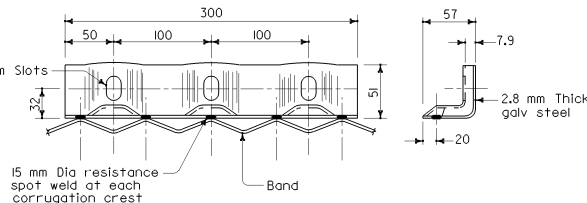
END VIEW

ANNULAR BAND

SIDE VIEW

STRAP DETAILTOP VIEWLEFT SIDE VIEWBOLT DETAILFRONT VIEWBAR DETAILBAR AND STRAP CONNECTORSIDE VIEWEND VIEW51mm X 51mm X 4.8 mm ANGLE

See tables on Standard Plans D97E, D97F and D97G for width, W=305 mm shown

ANGLE CONNECTORSSIDE VIEWEND VIEWDIE-FORMED ANGLE

See tables on Standard Plans D97E and D97G for width, W=305 mm shown.

Alternate only for standard joints on pipes through 1800 mm diameter and downdrains through 600 mm diameter.

NOTES

1. All ferrous metal coupling band connection hardware shall be galvanized or electroplated in accordance with the Standard Specifications.
2. Dimensions and thicknesses shown are minimum.
3. Spot welds shall develop minimum required strength of strap.
4. Fillet welds of equivalent strength may be substituted for spot welds or rivets.

STATE OF CALIFORNIA  
DEPARTMENT OF TRANSPORTATION

# CORRUGATED METAL PIPE COUPLING DETAILS No. 1 ANNULAR COUPLING BAND BAR AND STRAP AND ANGLE CONNECTIONS

NO SCALE

ALL DIMENSIONS ARE IN  
MILLIMETERS UNLESS OTHERWISE SHOWN**D97A**